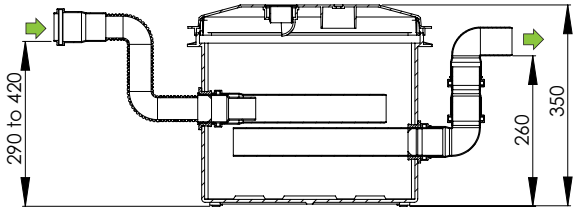
INSTRUCTIONS FOR INSTALLATION, OPERATION AND MAINTENANCE

KESSEL-Grease Separator “Under sink”



Dimensions in mm

Order Number 93025.00/US

Product advantages

- **Compact structure**
- **fully adjustable inlet**
- **release odor tight cover**

☐ **Installation** ☐ **Operation** ☐ **Instruction**
for the system was carried out by your specialist company:

Name/Signature Date City Stamp of specialist company

KESSEL

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Subject to technical modifications

Safety Instructions

By installation, use, maintenance and repair of this unit please follow all safety precautions and accident prevention guidelines. Also please follow any local safety precautions and accident prevention guidelines established in your area.

NO SMOKING! Smoking must not be permitted near the separator during use, maintenance and repair of the unit due to the potential build up of methane / biogas.

SLIPPERY WHEN WET! Take caution when standing / walking near the separator. During disposal, cleaning and maintenance the surrounding area can become extremely slippery due to spilled water / grease / fat.

SEPARATOR AREA REGULATIONS:

- ❏ No access of the separator for unauthorized personnel
- ❏ The location of the separator should be chosen carefully as to allow sufficient access for maintenance, inspection, repair and disposal of the separator.
- ❏ The wastewater in a grease separator can contain bacteria. After coming in contact with wastewater, it is important to wash, clean and disinfect all skin which has been contaminated.

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Dear Customer,

Before the KESSEL “Under Sink” Separator is installed and placed in operation please carefully read and follow all of the instructions contained in this Installation, Maintenance and Safety Instructions.
Upon delivery of the “Under Sink” Separator please thoroughly inspect the separator to make sure that it has not been damaged during shipping. In case damage has occurred to the separator, please follow the instructions listed in the Guarantee section of this Manual.

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1. General

Use

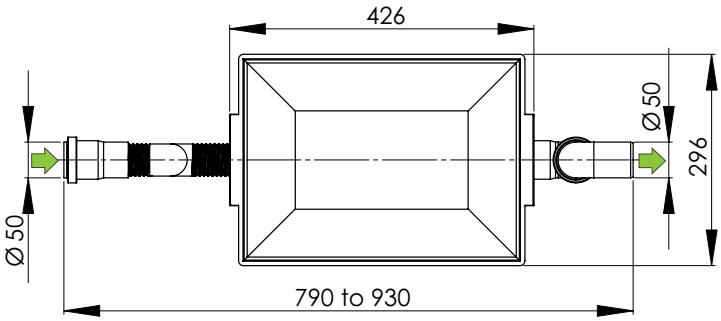
Animal and vegetable oils and fats must not be discharged into public disposal systems and into bodies of water, since they can cause narrowing of cross-sections and blockages in the disposal pipes when they set. In addition, fatty acids are produced after a short decomposing time, leading to unpleasant odours and corroding pipes and constructional elements of the draining systems. The solidified grease layer on the surface of the water also hinders the necessary oxygen supply to bodies of water and sewage treatment plants.

Commissioning

➢ Place separator into position and connect inlet and outlet pipes.
Remove any debris from the separator and clean (including inlet and outlet).

➢ Completely fill separator (to outlet level) with cold water. Check exterior of separator to insure water tightness.

Please note that the unit is designed to receive kitchen wastewater with a maximum temperature of 60 degrees Celsius (140 degrees F). Temperatures higher than 60 degrees Celsius could damage the unit.



Dimensions in mm

Dimensioned drawing

Nominal size	Ø	storage volumes	
		sludge trap	Grease trap
0,25	50	7 l	7 l

2. Maintenance

The chapter "Safety instructions" must be heeded!

Disposal

“Under sink” separators require daily grease removal.
This grease separator is to be completely emptied and cleaned on a weekly basis.

Notice: proper maintenance and disposal is required for correct grease separator operation..

Servicing

- The separator system must be serviced once a year by a qualified person

  Alongside disposal measures, the following jobs must be carried out:
  - Check on the inner walls of the sludge trap and the grease separator
  - Records of the findings and work carried out must be kept in the operating log and evaluated.

Review (general inspection)

Before initial operation and then at regular intervals of not longer than 5 years, the separator system must be checked for proper condition and correct operation by a technical expert following complete emptying and cleaning.
At least the following points must be checked and recorded:
- Condition of the inner walls of the built-in components if appropriate
- Completeness and plausibility of records in the operating log
- Proof of correct disposal of the contents of the separator system removed

A test report must be drawn up for the inspection carried out, listing any faults found. If faults are found, they have to be eliminated without delay.

3. Warranty

1. In the case that a KESSEL product is defective, KESSEL has the option of repairing or replacing the product. If the product remains defective after the second attempt to repair or replace the product or it is economically unfeasible to repair or replace the product, the customer has the right to cancel the order / contract or reduce payment accordingly. KESSEL must be notified immediately in writing of defects in a product. In the case that the defect is not visible or difficult to detect, KESSEL must be notified immediately in writing of the defect as soon as it is discovered. If the product is repaired or replaced, the newly repaired or replaced product shall receive a new warranty identical to that which the original (defective) product was granted. The term defective product refers only to the product or part needing repair or replacement and not necessarily to the entire product or unit. KESSEL products are warranted for a period of 24 month. This warranty period begins on the day the product is shipped form KESSEL to its customer. The warranty only applies to newly manufactured products. Additional information can be found in section 377 of the HGB.

   This additional warranty applies to the watertightness, usability and structural soundness of the product.
   A requirement of this additional warranty is that the product is properly installed and operated in accordance with the valid installation and user's manual as well as the corresponding norms / regulations.

2. Wear and tear on a product will not be considered a defect. Problems with products resulting from improper installation, handling or maintenance will also be considered a defect.

Note: Only the manufacturer may open sealed components or screw connections. Otherwise, the warranty may become null and void

01.06.2010

5. CE Declaration of conformity

CE

KESSEL

EC declaration of conformity

KESSEL AG
Bahnhofstraße 31
D-85101 Lenting

Herewith we declare, that in accordance with Directive 89/106/EEC, the construction product

KESSEL- Grease Separator „Under Sink“

meets EN 1451-1:1998 requirements and fulfills the pre-requisites for the CE Mark attachement ZA

EN 1451-1:1998

Lenting, 27.10.2010

M. Rinckens
Leiter Innovationsmanagement / Dokumentationsverantwortlicher
Innovation Management Manager / Responsible for Documentation
Responsable du management pour innovation et de la documentation

E. Thiemt
Vorstand
Managing Board
Conseil d´administration

- ❑ Backwater protection
- ❑ Lifting Stations and pumps
- ❑ Drains and shower channels
- ❑ Separators
  - -Grease Separators
  - -Oil-/Fuel-/Coalescence Separators
  - -Starch Separators
  - -Sediment Separators
- ❑ Septic Systems
- ❑ Inspection Chambers
- ❑ Rainwater Management Systems

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